

Healthcare-Associated Infection data
2nd Quarter 2013: April 2013 - June 2013

Central Line-Associated Bloodstream Infections (CLABSI)		Number of infections	
CLABSI	Central line days	Observed	Predicted
Statewide	7,694	15	18.48
	SIR* = 0.81	95% CL* = 0.47, 1.31	
Hospital	Central line days	Observed	Predicted
Al duPont	1,699	6	5.09
Bayhealth, Kent	718	3	1.05
Bayhealth, Milford	168	0	0.25
Beebe	841	1	1.26
Christiana	3,355	5	9.24
Nanticoke	448	0	0.67
St. Francis	290	0	0.55
Wilmington Hospital	175	0	0.37

Methicillin-resistant Staphylococcus aureus (MRSA) - Lab-Identified		Number of infections	
MRSA	Patient Days	Observed	Predicted
Statewide	125,544	10	8.85
	SIR* = 1.13	95% CL* = 0.57, 2.01	
Hospital	Patient Days	Observed	Predicted
Al duPont	11,195	1	0.56
Bayhealth, Kent	17,143	1	0.70
Bayhealth, Milford	8,297	0	0.37
Beebe	9,717	1	0.78
Christiana	55,231	7	4.75
Nanticoke	6,032	0	0.60
St. Francis	5,661	0	0.20
Wilmington Hospital	12,268	0	0.90

Catheter-Associated Urinary Tract Infections (CAUTI)		Number of infections	
CAUTI	Catheter days	Observed	Predicted
Statewide	6,289	21	13.43
	SIR = 1.56	95% CL* = 0.99, 2.35	
Hospital	Catheter days	Observed	Predicted
Al duPont	609	2	1.69
Bayhealth, Kent	851	4	1.18
Bayhealth, Milford	193	0	0.25
Beebe	900	0	1.08
Christiana	2,659	13	7.33
Nanticoke	485	1	0.63
St. Francis	304	1	0.61
Wilmington Hospital	288	0	0.66

Clostridium difficile (C diff) - Lab-Identified		Number of infections	
C diff	Patient Days	Observed	Predicted
Statewide	117,073	93	94.26
	SIR* = 0.99	95% CL* = 0.80, 1.20	
Hospital	Patient Days	Observed	Predicted
Al duPont	11,195	7	8.21
Bayhealth, Kent	16,407	6	12.09
Bayhealth, Milford	8,297	5	5.46
Beebe	9,717	8	6.65
Christiana	48,291	46	45.77
Nanticoke	5,817	3	3.69
St. Francis	5,081	5	3.34
Wilmington Hospital	12,268	13	9.05

SSIs with event date within 30 days of procedure; in-plan, inpatient procedures in patients >=18 years.			
Surgical Site Infections (SSIs)		Number of infections	
Colon surgeries	Procedures	Observed	Predicted
Statewide	314	7	10.18
	SIR* = 0.69	95% CL**= 0.30, 1.36	
Hospital	Procedures	Observed	Predicted
Al duPont [#]	-----		
Bayhealth, Kent	42	2	1.33
Bayhealth, Milford	11	1	0.34
Beebe	32	0	0.98
Christiana	191	4	6.21
Nanticoke	20	0	0.66
St. Francis	11	0	0.38
Wilmington Hospital	7	0	0.27

SSIs with event date within 30 days of procedure; in-plan, inpatient procedures in patients >=18 years.			
Surgical Site Infections (SSIs)		Number of infections	
Hysterectomies	Procedures	Observed	Predicted
Statewide	335	5	3.09
	SIR* = 1.62	95% CL* = 0.59, 3.58	
Hospital	Procedures	Observed	Predicted
Al duPont [#]	-----		
Bayhealth, Kent	41	2	0.38
Bayhealth, Milford	16	0	0.15
Beebe	16	0	0.14
Christiana	199	3	1.88
Nanticoke	15	0	0.14
St. Francis	44	0	0.37
Wilmington Hospital	4	0	0.03

- Colon surgeries and hysterectomies are not routinely performed at this hospital (pediatric population).

* - SIR = Standardized Infection Ratio

** CL = Confidence Limit